

Fig.2 20 Start a simple object source retrieving identifier length object size a simple retrieving Type retrieving · biject simple retrieving ·bject value simple allocating memory memory location packed the simple object size, copying the simple object s type and valve into packed memory a simple head value and exit value retrieving a sîmple copying the simple head value and exit value into packed memory End

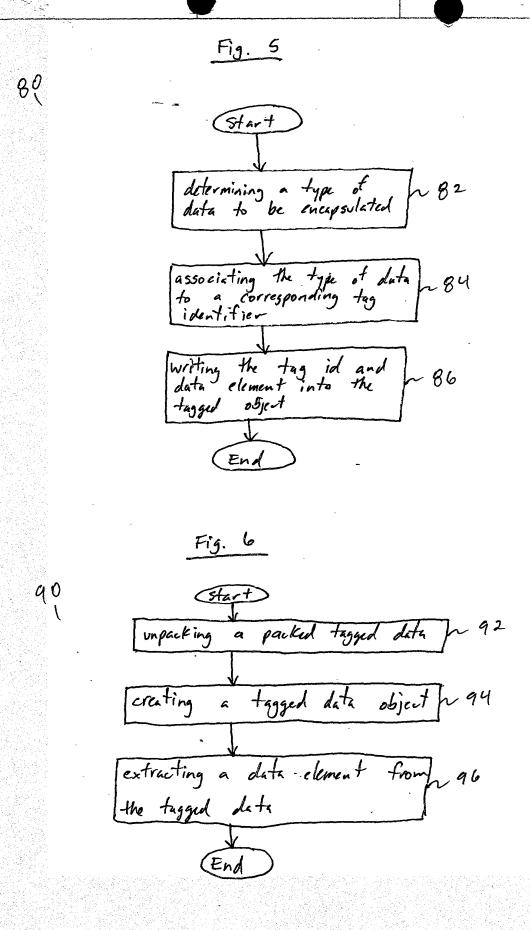
Start retrieving a complex object v 42 source identifier length retrieving a complex object field type retrieving a complex object on 46 field value complex object retrieving a Size field allocating memory in a packed of 50 memory location copying the complex object field type, field size and field value into packed memory retrieving a complex head value and a complex exit value copying the complex head value and exit value into packed memory

End

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Fig. 4

Start retrieving a list object source identifier length allocating memory in a packed memory location retrieving object array list copying the list ob into packed memory list object array retrieving list hand value and list exit value the copying list head and exit packed memory End



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Fig. 7 retrieving a simple head value a simple exit value and ,104 allocating memory in an unpacked memory loation the simple object size, type and value into unpacked 106 memory End Fig. 8 retrieving a complex head value n 112 complex exit value and allocating unpacked memory f copying the comp field type, field value and field size into unpacked the complex object e, field value and (End

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Fig. 9

Start

Fetricing a list head value and a list | 122

exit value

[allocating unpacked memory | 124

Copying a list object array into | 126

unpacked memory

End

start)

determining
type of data
element

writing data element
into tagged data
object

End

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Fig. 11

Start creating data a tagged object encapsulating a data element into the tagged data object packing data tagged the the) transmitting tagged data unpacking data the tagged p 150 extracting the data element from the 152 tagged data Erd